



RECEIVED

AUG 04 2003

GROUP 3600

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

61 AF
3679TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Application Number	09/682,467
Filing Date	06 September 2001
First Named Inventor	Rowley
Art Unit	3679
Examiner Name	Nicholson, Erick
Attorney Docket Number	39288-112 (MER43)

Total Number of Pages in This Submission

13

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s) Red inked drawing new Formal Drawing	<input type="checkbox"/> After Allowance communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	1. Two Page Fee Determination Record (no fee required)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	2. Check for \$475.00 (3 month extension)
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Louis F. Wagner, Reg. No. 35,730
Signature	
Date	28 July 2004

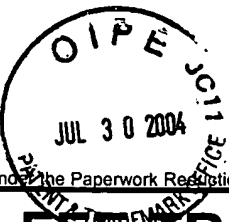
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Louis F. Wagner		
Signature		Date	28 July 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



RECEIVED

AUG 04 2003

GROUP 3600

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 475.00

Complete if Known

Application Number	09/682,467
Filing Date	06 September 2001
First Named Inventor	Rowley
Examiner Name	Nicholson, Erick
Art Unit	3679
Attorney Docket No.	39288-112 (MER43)

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 50-0983

Deposit Account Name Buckingham, Doolittle & Burroughs, LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid
Total Claims		-20** =		X		
Independent Claims		-3** =		X		
Multiple Dependent						

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	475.00
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 475.00

SUBMITTED BY

Name (Print/Type)	Louis F. Wagner	Registration No. (Attorney/Agent)	35,730	Telephone	330-258-6453
Signature		Date	28 July 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



RECEIVED
AUG 04 2003
GROUP 3600

PTO/SB/06 (8-96)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Project 1998-1999, persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD PAGE 2 -- CONTINUED						Application or Docket Number 39288.112 (MER43)					
CLAIMS AS FILED - PART I (Column 1) (Column 2)						SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED		NUMBER EXTRA		RATE	FEE			RATE	FEE	
BASIC FEE (37 CFR 1.16(a))						\$ _____		OR		\$ _____	
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =		*		x \$ _____ =	0		OR	x \$ _____ =	0	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =		*		x _____ =	0		OR	x _____ =	0	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))						+ _____ =	0		OR	+ _____ =	0
* If the difference in column 1 is less than zero, enter "0" in column 2						TOTAL	0		OR	TOTAL	0
AFTER FINAL											
CLAIMS AS AMENDED - XXXXX (Column 1) (Column 2) (Column 3)						SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE			RATE	ADDITIONAL FEE	
	Total (37 CFR 1.16(c))	* 7	Minus	** 34	=	0		OR	x \$ _____ =	0	
	Independent (37 CFR 1.16(b))	* 2	Minus	*** 6	=	0		OR	x _____ =	0	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ _____ =	0		OR	+ _____ =	0
TOTAL						0		OR	TOTAL	0	
AMENDMENT B						ADDIT. FEE				ADDIT. FEE	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE			RATE	ADDITIONAL FEE	
	Total (37 CFR 1.16(c))	*	Minus	**	=	0		OR	x \$ _____ =	0	
	Independent (37 CFR 1.16(b))	*	Minus	***	=	0		OR	x _____ =	0	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ _____ =	0		OR	+ _____ =	0
TOTAL						0		OR	TOTAL	0	
AMENDMENT C						ADDIT. FEE				ADDIT. FEE	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE			RATE	ADDITIONAL FEE	
	Total (37 CFR 1.16(c))	*	Minus	**	=	0		OR	x \$ _____ =	0	
	Independent (37 CFR 1.16(b))	*	Minus	***	=	0		OR	x _____ =	0	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ _____ =	0		OR	+ _____ =	0
TOTAL						0		OR	TOTAL	0	
ADDIT. FEE										ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case.
Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



RECEIVED
AUG 04 2003
GROUP 3600

PTO/SB/06 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Project 06-40, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD PAGE 1 -- SEE PAGE 2 FOR THIS AMENDMENT						Application or Docket Number 39288.112 (MER43)			
CLAIMS AS FILED - PART I (Column 1) (Column 2)						SMALL ENTITY OR OTHER THAN SMALL ENTITY			
FOR	NUMBER FILED 34	NUMBER EXTRA 14				RATE	FEE	RATE	FEE
BASIC FEE (37 CFR 1.16(a))							\$ 355	\$ 710	
TOTAL CLAIMS (37 CFR 1.16(c))	34	minus 20 =	* 14		x \$ 9 =		126	OR x \$ 18 =	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	11	minus 3 =	* 8		x 40 =		320	OR x 80 =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))						+ 135 =		OR + 270 =	
						TOTAL 801		OR TOTAL 18	
* If the difference in column 1 is less than zero, enter "0" in column 2									
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)						SMALL ENTITY OR OTHER THAN SMALL ENTITY			
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE	
	Total (37 CFR 1.16(c))	* 18	Minus	** 34	= 0	x \$ 9 =	0	OR x \$ 18 =	0
	Independent (37 CFR 1.16(b))	* 6	Minus	*** 5	= 0	x 40 =	0	OR x 80 =	0
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ 135 =		OR + 270 =	
						TOTAL		OR TOTAL	
(Column 1) (Column 2) (Column 3) ADDIT. FEE									
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE	
	Total (37 CFR 1.16(c))	* 18	Minus	** 34	= 0	x \$ 9 =	0	OR x \$ 18 =	0
	Independent (37 CFR 1.16(b))	* 6	Minus	*** 5	= 0	x 40 =	0	OR x 80 =	0
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ 135 =		OR + 270 =	
						TOTAL		OR TOTAL	
(Column 1) (Column 2) (Column 3) ADDIT. FEE									
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE	
	Total (37 CFR 1.16(c))	* 18	Minus	** 34	= 0	x \$ 9 =	0	OR x \$ 18 =	0
	Independent (37 CFR 1.16(b))	* 6	Minus	*** 5	= 0	x 40 =	0	OR x 80 =	0
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ 135 =		OR + 270 =	
						TOTAL		OR TOTAL	
(Column 1) (Column 2) (Column 3) ADDIT. FEE									

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.